

DERWENT- 1980-24589C

ACC-NO:

DERWENT- 198235

WEEK:

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TITLE: Slow release material for perfume, insecticide medicines  
etc. contains a water-soluble pectic acid alkali metal  
salt extracted from citrous fruit endodermis

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PRIORITY-DATA: 1978JP-098444 (August 11, 1978)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
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JP 55025456 A	February 23, 1980	JA
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JP 82037186 B	August 7, 1982	JA
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APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
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JP 55025456A	N/A	1978JP-098444	August 11, 1978
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INT-CL-  
CURRENT:

TYPE	IPC	DATE
CIPP	<u>C09</u> <u>K</u> <u>3/00</u>	20060101
CIPS	<u>A01</u> <u>N</u> <u>25/04</u>	20060101
CIPS	<u>A01</u> <u>N</u> <u>25/08</u>	20060101
CIPS	<u>A01</u> <u>N</u> <u>25/18</u>	20060101
CIPS	<u>A61</u> <u>K</u> <u>38/21</u>	20060101
CIPS	<u>A61</u> <u>K</u> <u>45/00</u>	20060101
CIPS	<u>A61</u> <u>K</u> <u>47/38</u>	20060101
CIPS	<u>A61</u> <u>L</u> <u>9/01</u>	20060101
CIPS	<u>C05</u> <u>G</u> <u>3/00</u>	20060101
CIPS	<u>C11</u> <u>B</u> <u>9/00</u>	20060101

ABSTRACTED-PUB-NO: JP 55025456 A



**BASIC-ABSTRACT:**

Slow release base material for volatile or sublimable substances, e.g., liq. perfumes, solid perfumes, ECP agent, EDB agent, insecticides, rust inhibitors, fungicides, plant growth regulators, herbicides, etc. is described which contains a water-soluble pectic acid alkali metal salt, obtd. by treating endodermis of citrous fruits with an acid at pH 1-3, and then treating it with an alkali at pH 10.5-12.5.

The slow release base material, which is used usually in the form of a 1-20 wt.% water-soluble pectic acid alkali metal salt aq. soln. and when being used, is mixed with active substances such as perfumes, insecticides, medicines, fertilisers, fungicides, herbicides, etc. together with glycerine, polyethylene glycol, a surfactant, etc. as a controller, is capable of releasing these active components controllably for a long length of time while preventing the deterioration of these active components.

**TITLE-** SLOW RELEASE MATERIAL PERFUME INSECT MEDICINE CONTAIN WATER  
**TERMS:** SOLUBLE PECTIC ACID ALKALI METAL SALT EXTRACT CITRUS FRUIT

**DERWENT-CLASS:** B04 B07 C03 D21 P34

**CPI-CODES:** B04-C02; B12-A02; B12-M01; B12-M10; B12-N02; B12-N09; B12-P01; B12-P05; C04-C02; C12-A02; C12-M01; C12-M10; C12-N02; C12-N09; C12-P01; C12-P05; D08-B; D10-A05;

**CHEMICAL-** Chemical Indexing M1 \*01\* Fragmentation Code H521 J111  
**CODES:** M423 M630 M781 R003 R010 R051 R052 V731 V732 V733 V734 V735

Chemical Indexing M1 \*02\* Fragmentation Code H521 J111  
M423 M630 M781 R010 R051 R052 V731 V732 V733 V734 V735

Chemical Indexing M6 \*03\* Fragmentation Code R011 R012  
R013 R052 R111 R308